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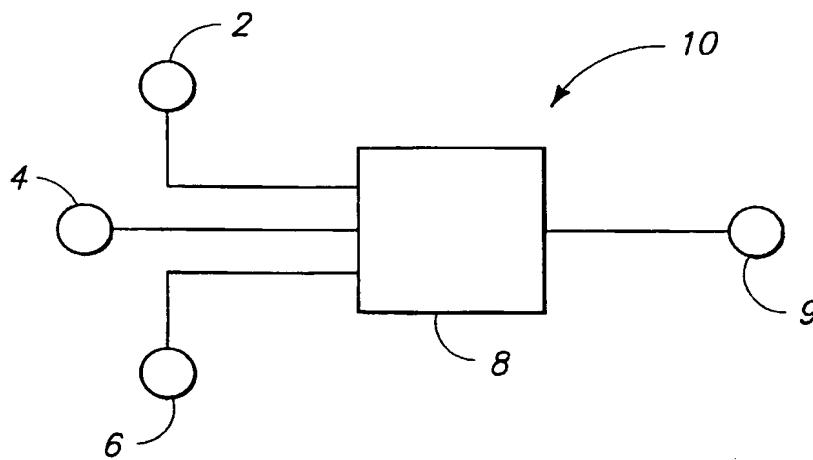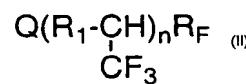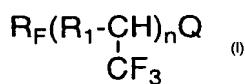Vaneau, 189, Rue Edmond Lautard, F-34080 Montpellier
(FR).

(54) Title: COMPOSITIONS, HALOGENATED COMPOSITIONS, CHEMICAL PRODUCTION AND TELOMERIZATION PROCESSES

$$R_F(R_1\text{-}CH)_nQ \quad \text{(I)}$$
$$\quad\quad\ CF_3$$

$$Q(R_1\text{-}CH)_nR_F \quad \text{(II)}$$
$$\quad\quad\quad CF_3$$

(57) Abstract: Compositions
are provided that can include
$R_F(R_T)_nQ$, formula I (I), formula
II (II), and/or $R_{Cl}(R_T)_nH$. The
R_F group can have four fluorine
atoms, the R_T group can include
a C-2 group having a pendant
-CF_3 group, n can be at least 1,
the R_1 group can include a carbon
atom, the R_{Cl} group can be -CCl_3,
and the Q group can include one
or more atoms of the periodic
table of elements. Telomerization
processes are also provided.

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)*

— *of inventorship (Rule 4.17(iv)) for US only*

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